

## CLAIMS

1. A method for authenticating an application run on a mobile station, including:
  - a. attempting to run an application on the mobile station;
  - b. requesting authentication of the application;
  - c. communicating directly with a mobile positioning center (MPC) in order to have the MPC fulfill the request for authentication of the application;
  - d. if the application is authenticated, then receiving within the mobile station information required to continue running the application in response to the application being authenticated; and
  - e. if the application is not authenticated, then failing to receive at least some information required to run the application in response to the application not being authenticated.
2. The method of Claim 1, further including:
  - a. if the application has not be authenticated, receiving a response message indicating that authentication failed; and
  - b. in response to receipt of the response message, halting the application.
3. The method of Claim 1 wherein the application that is attempted to run on the mobile station requires authentication from the MPC in order to receive all required information.
4. The method of Claim 1, wherein the authentication of the application to be run on the mobile station is independent of other authentication operations to be requested by the mobile station for the purpose of authenticating telephone communication.
5. The method of Claim 4, wherein the authentication of the application to be run is further independent of other authentication operations to be requested in order to authenticate other applications.
6. The method of Claim 3, wherein the authentication of the application by the MPC allows the mobile station to communicate with other components.

7. The method of Claim 6, wherein the other components include a position determination entity.